# **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

1. (original) A compound of Formula I or a pharmaceutically acceptable salt thereof:

wherein

 $R^1 \text{ is selected from } C_{1.10} \text{alkyl, } C_{2.10} \text{alkenyl, } C_{2.10} \text{alkynyl, } R^5 - C(=O) - O - C_{1.6} \text{alkyl, } R^5 R^6 N - C_{1.6} \text{alkyl, } R^5 O - C_{1.6} \text{alkyl, } R^5 C(=O) N(-R^6) - C_{1.6} \text{alkyl, } R^5 R^6 N S(=O)_{2^-} C_{1.6} \text{alkyl, } R^5 C(=O)_{2^-} C_{1.6} \text{alkyl, } R^5 C(=O)_{2^-} (-R^6) - C_{1.6} \text{alkyl, } R^5 R^6 N C(=O) N(-R^7) - C_{1.6} \text{alkyl, } R^5 R^6 N S(=O)_{2^-} N(R^7) - C_{1.6} \text{alkyl, } C_{6.10} \text{aryl-} C_{1.6} \text{alkyl, } C_{6.10} \text{aryl-} C(=O) - C_{1.6} \text{alkyl, } C_{3.-10} \text{cycloalkyl-} C_{1.6} \text{alkyl, } C_{4.8} \text{cycloalkenyl-} C_{1.6} \text{alkyl, } C_{3.6} \text{heterocyclyl-} C_{1.6} \text{alkyl, } C_{3.6} \text{heterocyclyl-} C(=O) - C_{1.6} \text{alkyl, } C_{1.10} \text{hydrocarbylamino, } R^5 R^6 N - R^5 O - R^5 C(=O) N(-R^6) - R^5 R^6 N S(=O)_{2^-} R^5 C(=O) N(-R^6) - R^5 R^6 N S(=O)_{2^-} R^5 C(=O)_{2^-} N(R^7) - C_{6.10} \text{aryl, } C_{6.10} \text{aryl-} C(=O) - C_{3.10} \text{cycloalkyl, } C_{4.8} \text{cycloalkenyl, } C_{3.6} \text{heterocyclyl-} C(=O) - Wherein said } C_{1.0} \text{alkyl, } C_{2.10} \text{alkenyl, } C_{2.10} \text{alkynyl, } C_{6.10} \text{aryl-} C(=O) - C_{1.6} \text{alkyl, } C_{3.6} \text{heterocyclyl-} C(=O) - C_{1.6} \text{alkyl, } C_{3.6} \text{heterocyclyl-} C(=O) - C_{1.6} \text{alkyl, } C_{3.6} \text{heterocyclyl-} C(=O) - C_{1.6} \text{alkyl, } C_{4.8} \text{cycloalkenyl, } C_{3.6} \text{heterocyclyl-} C(=O) - C_{1.6} \text{alkyl, } C_{4.8} \text{cycloalkenyl, } C_{3.6} \text{heterocyclyl-} C(=O) - C_{1.6} \text{alkyl, } C_{4.8} \text{cycloalkenyl, } C_{3.6} \text{heterocyclyl-} C(=O) - C_{3.6} \text{alkyl, } C_{4.8} \text{cycloalkenyl, } C_{3.6} \text{heterocyclyl-} C(=O) - C_{3.6} \text{heterocyclyl-} C(=O) - C_{3.6} \text{alkyl, } C_{4.8} \text{cycloalkenyl, } C_{3.6} \text{heterocyclyl-} C(=O) - C_{3$ 

 $R^2$  is selected from  $C_{1-10}$ alkyl,  $C_{2-10}$ alkenyl,  $C_{2-10}$ alkynyl,  $C_{3-10}$ cycloalkyl,  $C_{3-10}$ cycloalkyl,  $C_{3-10}$ cycloalkyl- $C_{1-6}$ alkyl,  $C_{4-8}$ cycloalkenyl- $C_{1-6}$ alkyl,  $C_{3-6}$ heterocycloalkyl- $C_{1-6}$ alkyl,  $C_{4-8}$ cycloalkenyl,  $R^5R^6N$ -,  $C_{3-5}$ heteroaryl,  $C_{6-10}$ aryl and  $C_{3-6}$ heterocycloalkyl, wherein said  $C_{1-10}$ alkyl,  $C_{2-10}$ alkenyl,  $C_{2-10}$ alkynyl,  $C_{3-8}$ cycloalkyl,  $C_{3-8}$ cycloalkyl- $C_{1-6}$ alkyl,  $C_{4-8}$ cycloalkenyl- $C_{1-6}$ alkyl,  $C_{3-6}$ heterocycloalkyl- $C_{1-6}$ alkyl,  $C_{4-8}$ cycloalkenyl,  $C_{3-6}$ 

sheteroaryl,  $C_{6-10}$ aryl or  $C_{3-6}$ heterocycloalkyl used in defining  $R^2$  is optionally substituted by one or more groups selected from halogen, cyano, nitro, methoxy, ethoxy, methyl, ethyl, hydroxy, and  $-NR^5R^6$ ;

wherein  $R^5$ ,  $R^6$  and  $R^7$  are independently selected from –H,  $C_{1-6}$ alkyl,  $C_{2-6}$ alkenyl,  $C_{2-6}$ alkynyl, and a divalent  $C_{1-6}$ group that together with another divalent  $R^5$ ,  $R^6$  or  $R^7$  forms a portion of a ring;

Ar is selected from  $C_{6-10}$ aryl and  $C_{3-8}$ heteroaryl; n is selected from 0, 1, 2 and 3;

each of  $R^3$  is independently selected from –H, nitro, halogen,  $C_{1-10}$ alkyl  $C_{2-10}$ alkenyl,  $C_{2-10}$ alkynyl,  $C_{3-10}$ cycloalkyl,  $C_{3-10}$ cycloalkyl- $C_{1-6}$ alkyl,  $C_{4-8}$ cycloalkenyl- $C_{1-6}$ alkyl,  $C_{3-6}$ heterocycloalkyl- $C_{1-6}$ alkyl,  $C_{3-6}$ heterocycloalkyl and

optionally substituted with one or more groups selected from  $C_{1-6}$ alkyl, hydroxy, halogen, amino and  $C_{1-6}$ alkoxy,

each of  $R^8$  and  $R^9$  is independently selected from –H,  $C_{1-10}$ alkyl,  $C_{2-10}$ alkenyl,  $C_{2-10}$ alkynyl,  $C_{3-10}$ cycloalkyl,  $C_{3-10}$ cycloalkyl- $C_{1-6}$ alkyl,  $C_{3-6}$ heterocyclyl,  $C_{6-10}$ aryl,  $C_{3-6}$ heterocyclyl- $C_{1-6}$ alkyl,  $C_{6-10}$ aryl- $C_{1-6}$ alkyl, and a divalent  $C_{1-6}$ group that together with another divalent group selected from  $R^8$  and  $R^9$  forms a portion of a ring, wherein said  $C_{1-10}$ alkyl,  $C_{2-10}$ alkenyl,  $C_{2-10}$ alkynyl,  $C_{3-10}$ cycloalkyl,  $C_{3-10}$ cycloalkyl- $C_{1-6}$ alkyl,  $C_{3-6}$ heterocyclyl,  $C_{6-10}$ aryl,  $C_{3-6}$ heterocyclyl- $C_{1-6}$ alkyl,  $C_{6-10}$ aryl- $C_{1-6}$ alkyl, or divalent  $C_{1-6}$ group is optionally substituted by one or more groups selected from halogen, cyano, nitro, methoxy, ethoxy, methyl, ethyl, hydroxy, and  $-NR^5R^6$ ; and

 $R^4 \ is \ selected \ from \ -H, \ C_{1\text{--}10} alkyl, \ C_{2\text{--}10} alkenyl, \ C_{2\text{--}10} alkynyl, \ C_{3\text{--}10} cycloalkyl, \ c_{3\text{--}10} cycloalky$ 

## 2. (original) A compound as claimed in claim 1, wherein

 $R^1$  is selected from  $C_{1-6}$ alkyl,  $C_{1-6}$ alkyl-C(=O)-O- $C_{1-4}$ alkyl,  $C_{2-6}$ alkenyl,  $C_{2-6}$ alkynyl, phenyl- $C_{1-4}$ alkyl,  $C_{3-10}$ cycloalkyl- $C_{1-4}$ alkyl,  $C_{4-6}$ cycloalkenyl- $C_{1-4}$ alkyl,  $C_{3-6}$ heterocyclyl- $C_{1-4}$ alkyl,  $C_{3-6}$ heterocyclyl,  $C_{3-10}$ cycloalkyl, and  $C_{4-6}$ 

 $_{6}$ cycloalkenyl, wherein said  $C_{1-6}$ alkyl,  $C_{1-6}$ alkyl-C(=O)-O- $C_{1-4}$ alkyl,  $C_{2-6}$ alkenyl,  $C_{2-6}$ alkynyl, phenyl- $C_{1-4}$ alkyl,  $C_{3-10}$ cycloalkyl- $C_{1-4}$ alkyl,  $C_{4-6}$ cycloalkenyl- $C_{1-4}$ alkyl,  $C_{3-6}$ heterocyclyl- $C_{1-4}$ alkyl,  $C_{3-6}$ heterocyclyl,  $C_{3-10}$ cycloalkyl, and  $C_{4-6}$ cycloalkenyl used in defining  $R^1$  is optionally substituted by one or more groups selected from halogen, cyano, nitro, methoxy, ethoxy, methyl, ethyl, hydroxy, benzyl, and - $NR^5R^6$ :

R<sup>2</sup> is selected from C<sub>1-6</sub>alkyl, C<sub>2-6</sub>alkenyl, C<sub>3-6</sub>cycloalkyl, C<sub>3-6</sub>cycloalkyl-C<sub>1-4</sub>alkyl, C<sub>4-6</sub>cycloalkenyl-C<sub>1-4</sub>alkyl, C<sub>3-6</sub>heterocycloalkyl-C<sub>1-4</sub>alkyl, C<sub>4-6</sub>cycloalkenyl, C<sub>3-5</sub>heteroaryl, R<sup>5</sup>R<sup>6</sup>N-, and phenyl, wherein said C<sub>1-6</sub>alkyl, C<sub>2-6</sub>alkenyl, C<sub>3-6</sub>cycloalkyl, C<sub>3-6</sub>cycloalkyl-C<sub>1-4</sub>alkyl, C<sub>4-6</sub>cycloalkenyl-C<sub>1-4</sub>alkyl, C<sub>3-6</sub>heterocycloalkyl-C<sub>1-4</sub>alkyl, C<sub>4-6</sub>cycloalkenyl, C<sub>3-5</sub>heteroaryl, R<sup>5</sup>R<sup>6</sup>N-, and phenyl used in defining R<sup>2</sup> is optionally substituted by one or more groups selected from halogen, cyano, nitro, methoxy, ethoxy, methyl, ethyl, hydroxy and amino;

wherein  $R^5$  and  $R^6$  are independently selected from –H,  $C_{1-6}$ alkyl,  $C_{2-6}$ alkenyl, and a divalent  $C_{1-6}$ alkylene that together with another divalent  $R^5$  or  $R^6$  and optionally a heteroatom forms a portion of a ring;

Ar is selected from phenyl and C<sub>3-5</sub>heteroaryl;

n is selected from 0, 1 and 2;

each of  $R^3$  is independently selected from –H, nitro, halogen,  $C_{1\text{-}6}$ alkyl  $C_2$ . 6alkenyl,  $C_{3\text{-}6}$ cycloalkyl,  $C_{3\text{-}6}$ heterocycloalkyl- $C_{1\text{-}4}$ alkyl,

and,  $C_{3-6}$ heterocycloalkyl optionally substituted with one or more groups selected from  $C_{1-6}$ alkyl, hydroxy, halogen and

each of  $R^8$  and  $R^9$  is independently selected from –H,  $C_{1-6}$ alkyl,  $C_{2-6}$ alkenyl,  $C_{3-6}$ cycloalkyl,  $C_{3-6}$ cycloalkyl- $C_{1-6}$ alkyl,  $C_{3-6}$ heterocyclyl and  $C_{3-6}$ heterocylcyl- $C_{1-6}$ alkyl, wherein said  $C_{1-6}$ alkyl,  $C_{2-6}$ alkenyl,  $C_{3-6}$ cycloalkyl,  $C_{3-6}$ cycloalkyl- $C_{1-6}$ alkyl,  $C_{3-6}$ heterocyclyl and  $C_{3-6}$ heterocylcyl- $C_{1-6}$ alkyl are optionally substituted by one or more groups selected from halogen, cyano, nitro, methoxy, ethoxy, methyl, ethyl, hydroxy and  $-NR^{10}R^{11}$ ; and

 $R^4$ ,  $R^{10}$  and  $R^{11}$  are independently selected from -H and  $C_{1-3}$ alkyl.

#### 3. (original) A compound as claimed claim 1,

wherein R<sup>1</sup> is selected from C<sub>1-6</sub>alkyl, C<sub>1-3</sub>alkyl-C(=O)-O-C<sub>1-3</sub>alkyl, C<sub>2-6</sub>alkenyl, phenyl-C<sub>1-4</sub>alkyl, C<sub>3-10</sub>cycloalkyl-C<sub>1-4</sub>alkyl, C<sub>4-6</sub>cycloalkenyl-C<sub>1-4</sub>alkyl, C<sub>3-10</sub>cycloalkyl, and C<sub>4-6</sub>cycloalkenyl, wherein said C<sub>1-6</sub>alkyl, C<sub>2-6</sub>alkenyl, phenyl-C<sub>1-4</sub>alkyl, C<sub>3-10</sub>cycloalkyl-C<sub>1-4</sub>alkyl, C<sub>4-6</sub>cycloalkenyl-C<sub>1-4</sub>alkyl, C<sub>3-6</sub>heterocylcoalkyl-C<sub>1-4</sub>alkyl, C<sub>6-10</sub>aryl, C<sub>3-10</sub>cycloalkyl, and C<sub>4-6</sub>cycloalkenyl used in defining R<sup>1</sup> is optionally substituted by one or more groups selected from halogen, methoxy, ethoxy, methyl, ethyl, hydroxy, benzyl, and amino;

 $R^2$  is selected from  $C_{1-6}$ alkyl,  $C_{2-6}$ alkenyl,  $C_{3-6}$ cycloalkyl and  $C_{3-6}$ cycloalkyl- $C_{1-4}$ alkyl, wherein said  $C_{1-6}$ alkyl,  $C_{2-6}$ alkenyl,  $C_{3-6}$ cycloalkyl and  $C_{3-6}$ cycloalkyl- $C_{1-4}$ alkyl used in defining  $R^2$  is optionally substituted by one or more groups selected from halogen, methoxy, ethoxy, methyl, ethyl, hydroxy and amino;

Ar is selected from phenyl and C<sub>3-5</sub>heteroaryl and n is selected from 0, 1 and 2;

each of R3 is independently selected from -H, halogen, nitro, C1-3alkyl, C3.

wherein said  $C_{3-6}$ heterocycloalkyl contain at least one nitrogen ring atom and the radical of  $C_{3-6}$ heterocycloalkyl is located on the at least one nitrogen ring atom, and wherein each of  $R^8$  and  $R^9$  is independently selected from –H,  $C_{1-6}$ alkyl, morpholinyl-  $C_{1-3}$ alkyl, pyrrolidinyl- $C_{1-3}$ alkyl, and piperidinyl- $C_{1-3}$ alkyl, wherein said  $C_{1-6}$ alkyl, morpholinyl-  $C_{1-3}$ alkyl, pyrrolidinyl- $C_{1-3}$ alkyl, and piperidinyl- $C_{1-3}$ alkyl are optionally substituted by one or more groups selected from halogen, methoxy, ethoxy, methyl, ethyl, hydroxy and  $-NR^5R^6$ ; and

R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> are independently selected from –H and C<sub>1-3</sub>alkyl.

# 4. (original) A compound as claimed in claim 1, wherein

R<sup>1</sup> is selected from cyclohexylmethyl, cyclopentylmethyl, cyclobutylmethyl, cyclopropylmethyl,cyclohexylethyl, cyclopentylethyl, bicyclo[2.2.1]hept-5-en-2-ylmethyl, 4,4-difluorocyclohexylmethyl, tetrahydropyranylmethyl, tetrahydropyranylethyl, and N-methyl-2-piperidinylmethyl;

R<sup>2</sup> is selected from t-butyl, n-butyl, 2-methyl-2-butyl, isopentyl, 2-methoxy-2-propyl, 2-hydroxyl-propyl, trifluoromethyl, 1,1-difluoroethyl, 2,2,2-trifluoroethyl, 1-methyl-propyl, 1,1-dimethyl-propyl, 1,1-dimethyl-3-buten-1-yl, ethyl, and 2-propyl;

Ar is selected from phenyl, pyridyl, pyrimidyl, thiazolyl, thienyl, isoxazolyl, imidazolyl, and pyrazolyl;

n is selected from 0, 1 and 2;

each of R<sup>3</sup> is independently selected from -H, C<sub>1-3</sub>alkyl, 4-morpholinyl, 1-

wherein 4-morpholinyl, 1-piperidinyl, and 1-piperazinyl are optionally substituted with one or more methyl; and wherein

each of  $R^8$  and  $R^9$  is independently selected from –H,  $C_{1-3}$ alkyl, morpholinylmethyl, pyrrolidinyl-methyl, and piperidinyl-methyl, wherein said  $C_{1-3}$ alkyl, morpholinylmethyl, pyrrolidinyl-methyl, and piperidinyl-methyl are optionally substituted by one or more groups selected from hydroxy, amino and dimethylamino.

## 5. (original) A compound selected from:

*N*-[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]thiophene-2-sulfonamide;

*N*-[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]-*N*-methylthiophene-2-sulfonamide;

N-(1-Benzyl-2-tert-butyl-1H-benzimidazol-5-yl)-N-methylbenzenesulfonamide;

N-[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-yl]-N,3,5-

trimethylisoxazole-4-sulfonamide;

*N*-[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]-*N*,1,2-trimethyl-1*H*-imidazole-4-sulfonamide;

*N*-[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]-*N*,1,3,5-tetramethyl-1*H*-pyrazole-4-sulfonamide;

*N*-[2-*tert*-butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]benzene sulphonamide;

 $\label{eq:N-local-poly-local} \textit{N-} [1-(cyclohexylmethyl)-2-ethyl-1 \\ \textit{H-} benzimidazol-5-yl] benzenesul fonamide;$ 

*N*-[1-(cyclohexylmethyl)-2-isopropyl-1*H*-benzimidazol-5-yl]benzene sulphonamide;

*N*-[1-(cyclohexylmethyl)-2-(1-methylcyclopropyl)-1*H*-benzimidazol-5-vl]benzenesulfonamide;

*N*-[1-(cyclohexylmethyl)-2-(1,1-dimethylpropyl)-1*H*-benzimidazol-5-yl]-benzenesulfonamide;

*N*-[1-(cyclohexylmethyl)-2-(1,1-dimethyl-3-butenyl)-1*H*-benzimidazol-5-yl]-benzenesulfonamide;

*N*-[1-(cyclohexylmethyl)-2-(1-methyl-4-piperidinyl)-1*H*-benzimidazol-5-yl]-benzenesulfonamide;

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N-[1-(cyclohexylmethyl)-2-(1,1-dimethylethyl)-1H-benzimidazol-5-yl]-N-methylbenzenesulfonamide;
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*N*-[1-(cyclohexylmethyl)-2-ethyl-1*H*-benzimidazol-5-yl]-*N*-methyl-benzene sulphonamide;

*N*-[1-(cyclohexylmethyl)-2-isopropyl-1*H*-benzimidazol-5-yl]-*N*-methyl-benzene sulphonamide;

*N*-[1-(cyclohexylmethyl)-2-(1-methylcyclopropyl)-1*H*-benzimidazol-5-yl]-*N*-methyl-benzenesulfonamide;

*N*-[1-(cyclohexylmethyl)-2-(1-methyl-4-piperidinyl)-1*H*-benzimidazol-5-yl]-*N*-methyl- benzenesulfonamide;

4-[1-(cyclohexylmethyl)-5-[methyl(phenylsulfonyl)amino]-1*H*-benzimidazol-2-yl]-1,1-dimethyl- piperidinium;

*N*-[2-(1,1-dimethylethyl)-1-[(tetrahydro-2*H*-pyran-4-yl)methyl]-1*H*-benzimidazol-5-yl]-benzenesulfonamide;

*N*-[2-(1,1-dimethylethyl)-1-[(tetrahydro-2-furanyl)methyl]-1*H*-benzimidazol-5-yl]-benzenesulfonamide;

*N*-[1-(cyclobutylmethyl)-2-(1,1-dimethylethyl)-1*H*-benzimidazol-5-yl]-benzenesulfonamide;

*N*-[1-(cyclopropylmethyl)-2-(1,1-dimethylethyl)-1*H*-benzimidazol-5-yl]-benzenesulfonamide;

 $N\hbox{-}(4\hbox{-}\{[[2\hbox{-}tert\hbox{-}butyl\hbox{-}1\hbox{-}(cyclohexylmethyl)\hbox{-}1$$H$-benzimidazol-5-$ 

yl](methyl)amino]sulfonyl)phenyl) acetamide;

N-[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-yl]-N-methyl-6-morpholin-4-ylpyridine-3-sulfonamide;

*N*-[2-*tert*-Butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]-*N*-methyl-4-nitrobenzenesulfonamide;

4-Amino-*N*-[2-*tert*-butyl-1-(cyclohexylmethyl)-1*H*-benzimidazol-5-yl]-*N*-methylbenzenesulfonamide;

N-(4-{[[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-

yl](methyl)amino]sulfonyl}phenyl)propanamide;

N-(4-{[[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-

yl](methyl)amino]sulfonyl}phenyl)-2-methylpropanamide;

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N-(4-{[[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}phenyl)-2,2-dimethylpropanamide;
N-[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-yl]-4-(ethylamino)-N-
methylbenzenesulfonamide;
N-[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-yl]-4-(formylamino)-N-
methylbenzenesulfonamide;
2-Bromo-N-(4-{[[2-tert-butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}phenyl)acetamide;
N-(4-{[[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}phenyl)-2-pyrrolidin-1-ylacetamide;
N^{1}-(4-{[[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}phenyl)-N<sup>2</sup>,N<sup>2</sup>-dimethylglycinamide;
N-(4-{[[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-
vl](methyl)amino]sulfonyl}phenyl)-2-morpholin-4-ylacetamide;
N^{1}-(4-{[[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}phenyl)glycinamide;
2-[(4-{[[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}phenyl)amino]-2-oxoethyl acetate;
N-(4-{[[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-
vl](methyl)amino]sulfonyl}phenyl)-2-hydroxyacetamide;
N-[1-(cyclohexylmethyl)-2-(1,1-dimethylethyl)-1H-benzimidazol-5-yl]-N-methyl-
4-(4-morpholinyl)-benzenesulfonamide;
N-[1-(cyclohexylmethyl)-2-(1,1-dimethylethyl)-1H-benzimidazol-5-yl]-N-methyl-
4-(4-methyl-1-piperazinyl)-benzenesulfonamide;
N-[2-tert-Butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-yl]-N-
methylbenzenesulfonamide;
N-[2-tert-Butyl-1-(tetrahydro-2H-pyran-2-ylmethyl)-1H-benzimidazol-5-yl]-N-
methylbenzenesulfonamide;
N-[1-(cyclohexylmethyl)-2-(1-hydroxy-1-methylethyl)-1H-benzimidazol-5-yl]-
benzenesulfonamide;
N-[1-(cyclohexylmethyl)-2-(1-methoxy-1-methylethyl)-1H-benzimidazol-5-yl]-N-
methyl-benzenesulfonamide;
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N-[1-(cyclohexylmethyl)-2-(1-methoxy-1-methylethyl)-1H-benzimidazol-5-yl]—
benzenesulfonamide;
N-[2-tert-Butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-yl]-
N,1,2-trimethyl-1H-imidazole-5-sulfonamide;
Ethyl 4-{[[2-tert-butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}-3,5-dimethyl-1H-pyrrole-2-carboxylate;
N-[2-tert-Butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-yl]-4-
(hydroxymethyl)-N-methylbenzenesulfonamide;
N-[2-tert-Butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-yl]-N-
methyl-4-(1H-1,2,3-triazol-1-ylmethyl)benzenesulfonamide;
N-[2-tert-Butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-yl]-4-
{[(2-hydroxyethyl)amino]methyl}-N-methylbenzenesulfonamide;
N-[2-tert-Butyl-1-(cyclopentylmethyl)-1H-benzimidazol-5-yl]-N-
methylbenzenesulfonamide;
N-[2-tert-Butyl-1-(2-cyclohexylethyl)-1H-benzimidazol-5-yl]-N-
methylbenzenesulfonamide;
N-[1-(1-Benzylpyrrolidin-3-yl)-2-tert-butyl-1H-benzimidazol-5-yl]-N-
methylbenzenesulfonamide;
N-{2-tert-Butyl-1-[(4,4-difluorocyclohexyl)methyl]-1H-benzimidazol-5-yl}-N-
methylbenzenesulfonamide;
N-[2-tert-Butyl-1-(pyridin-4-ylmethyl)-1H-benzimidazol-5-yl]-N-
methylbenzenesulfonamide;
N-methyl-N-[1-(tetrahydro-2H-pyran-4-ylmethyl)-2-(trifluoromethyl)-1H-
benzimidazol-5-yl]benzenesulfonamide;
N-[2-(1,1-difluoroethyl)-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-
yl]-N-methylbenzenesulfonamide;
N-methyl-N-[1-(tetrahydro-2H-pyran-4-ylmethyl)-2-(2,2,2-trifluoroethyl)-1H-
benzimidazol-5-yl]benzenesulfonamide;
N-[1-(cyclohexylmethyl)-2-(1-ethylpropyl)-1H-benzimidazol-5-
yl]benzenesulfonamide;
N-[1-(cyclohexylmethyl)-2-(1-ethylpropyl)-1H-benzimidazol-5-yl]-N-
methylbenzenesulfonamide; N-[2-tert-butyl-1-(cyclohexylmethyl)-1H-
benzimidazol-5-yl]-N-ethylbenzenesulfonamide;
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N-methyl-N-[2-(1-methyl-1-pyridin-2-ylethyl)-1-(tetrahydro-2H-pyran-4-
ylmethyl)-1H-benzimidazol-5-yl]benzenesulfonamide;
N-[2-(1-cyano-1-methylethyl)-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-
benzimidazol-5-yl]-N-methylbenzenesulfonamide;
N-methyl-N-[2-propyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-
yl]benzenesulfonamide;
5-Bromo-N-[2-tert-butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-yl]-6-chloro-
N-methylpyridine-3-sulfonamide;
5-Bromo-N-[2-tert-butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-yl]-6-[(2-
hydroxyethyl)amino]-N-methylpyridine-3-sulfonamide;
N-[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-yl]-6-[(2-
hydroxyethyl)amino]-N-methylpyridine-3-sulfonamide;
N-(5-{[[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-
vl](methyl)amino]sulfonyl}pyridin-2-yl)acetamide;
N-(3-{[[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}phenyl)acetamide;
N^{1}-(4-{[[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}phenyl)-N^2-(2-hydroxyethyl)glycinamide;
4-[(Aminocarbonyl)amino]-N-[2-tert-butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-
1H-benzimidazol-5-yl]-N-methylbenzenesulfonamide;
N-(4-{[[2-tert-Butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-
yl](methyl)amino|sulfonyl}phenyl)acetamide;
N-(4-{[[2-tert-Butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}phenyl)-N-methylacetamide;
N-(4-{[[2-tert-Butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-
vll(methyl)aminolsulfonyl}phenyl)-2,2-dimethylpropanamide;
N-(4-{[[2-tert-Butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}phenyl)-2-hydroxyacetamide;
N^{1}-(4-{[[2-tert-Butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}phenyl)-N<sup>2</sup>,N<sup>2</sup>-dimethylglycinamide;
N^{l}-(4-{[[2-tert-Butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}phenyl)glycinamide;
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N^{1}-(4-{[[2-tert-Butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}phenyl)-N<sup>2</sup>-methylglycinamide;
N-[2-tert-Butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-yl]-6-
[(2-hydroxyethyl)amino]-N-methylpyridine-3-sulfonamide;
N-[2-tert-Butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-yl]-6-
[(2-methoxyethyl)amino]-N-methylpyridine-3-sulfonamide;
N-[2-tert-Butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-yl]-6-
(formylamino)-N-methylpyridine-3-sulfonamide;
N-(5-{[[2-tert-Butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}pyridin-2-yl)acetamide;
N-[4-({[2-tert-Butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-
yllamino}sulfonyl)phenyllacetamide;
N-[4-({[2-tert-Butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-
yl]amino}sulfonyl)phenyl]acetamide;
N-(4-{[[2-tert-Butyl-1-(2-piperidin-1-ylethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}phenyl)acetamide;
N-(4-\{[[2-tert-Butyl-1-(1,4-dioxan-2-ylmethyl)-1H-benzimidazol-5-
yll(methyl)amino|sulfonyl}phenyl)acetamide;
N-(4-{[{2-tert-Butyl-1-[(1-methylpiperidin-2-yl)methyl]-1H-benzimidazol-5-
yl}(methyl)amino|sulfonyl}phenyl)acetamide;
N-(4-\{[(2-tert-Butyl-1-\{[(2R)-1-methylpiperidin-2-yl]methyl\}-1H-benzimidazol-
5-yl)(methyl)amino]sulfonyl}phenyl)acetamide;
N-[4-({methyl[1-(tetrahydro-2H-pyran-4-ylmethyl)-2-(trifluoromethyl)-1H-
benzimidazol-5-yl]amino}sulfonyl)phenyl]acetamide;
4-Bromo-N-[1-(cyclohexylmethyl)-2-(1,1-dimethylethyl)-1H-benzimidazol-5-yl]-
N-methyl-benzenesulfonamide;
N-[2-tert-butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-yl]-4-[(2-
hydroxyethyl)amino]-N-methylbenzenesulfonamide;
N-[2-tert-butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-yl]-4-(dimethylamino)-
N-methylbenzenesulfonamide;
4-[bis(2-hydroxyethyl)amino]-N-[2-tert-butyl-1-(cyclohexylmethyl)-1H-
benzimidazol-5-yl]-N-methylbenzenesulfonamide;
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N-[2-tert-butyl-1-(cyclohexylmethyl)-1H-benzimidazol-5-yl]-N,4-dimethyl-3,4-
dihydro-2H-1,4-benzoxazine-7-sulfonamide;
N-[4-({methyl-1-pyridin-2-ylethyl)-1-(tetrahydro-2H-pyran-4-
ylmethyl)-1H-benzimidazol-5-yl]amino}sulfonyl)phenyl]acetamide;
N-(4-{[[2-tert-butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-
yl](ethyl)amino]sulfonyl}phenyl)acetamide;
4-[(aminocarbonyl)amino]-N-[2-tert-butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-
1H-benzimidazol-5-yl]-N-ethylbenzenesulfonamide;
N-[2-tert-butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-yl]-N-
ethyl-4-{[(methylamino)carbonyl]amino} benzenesulfonamide;
4-amino-N-[2-tert-butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-
yl]-N-ethylbenzenesulfonamide;
N-(4-{[[2-tert-butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-
yl](ethyl)amino]sulfonyl}phenyl)-2,2-dimethylpropanamide;
2-[(4-{[[2-tert-butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-
yl](ethyl)amino]sulfonyl}phenyl)amino]-2-oxoethyl acetate;
N-(4-\{[[2-tert-butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-
yl](ethyl)amino]sulfonyl}phenyl)-2-hydroxyacetamide;
N-[2-tert-butyl-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-yl]-N-
ethyl-4-{[(isopropylamino)carbonyl]amino}benzenesulfonamide;
N-[4-(\{\text{ethyl}[2-(1-\text{methoxy-}1-\text{methyl})-1-(\text{tetrahydro-}2H-\text{pyran-}4-\text{ylmethyl})-
1H-benzimidazol-5-yl]amino}sulfonyl)phenyl]acetamide;
4-[(aminocarbonyl)amino]-N-ethyl-N-[2-(1-methoxy-1-methylethyl)-1-
(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-yl]benzenesulfonamide;
N-ethyl-N-[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2H-pyran-4-ylmethyl)-
1H-benzimidazol-5-yl]-4-{[(methylamino)carbonyl]amino}benzenesulfonamide;
4-amino-N-ethyl-N-[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2H-pyran-4-
ylmethyl)-1H-benzimidazol-5-yl]benzenesulfonamide;
N-[4-(\{\text{ethyl}[2-(1-\text{methoxy-}1-\text{methylethyl})-1-(\text{tetrahydro-}2H-\text{pyran-}4-\text{ylmethyl})-
1H-benzimidazol-5-yl]amino}sulfonyl)phenyl]-2,2-dimethylpropanamide;
2-{[4-({ethyl[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2H-pyran-4-ylmethyl)-
1H-benzimidazol-5-yl]amino}sulfonyl)phenyl]amino}-2-oxoethyl acetate;
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N-[4-({ethyl[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2H-pyran-4-ylmethyl)-
1H-benzimidazol-5-yl]amino}sulfonyl)phenyl]-2-hydroxyacetamide;
N-ethyl-4-{[(isopropylamino)carbonyl]amino}-N-[2-(1-methoxy-1-methylethyl)-
1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-yl]benzenesulfonamide;
N-(4-\{[[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-
benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)acetamide;
4-[(aminocarbonyl)amino]-N-[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2H-
pyran-4-vlmethyl)-1H-benzimidazol-5-yl]-N-methylbenzenesulfonamide;
2-Hydroxy-N-(4-{[[2-(1-methoxy-1-methylethyl)-1-(tetrahydro-2H-pyran-4-
ylmethyl)-1H-benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)acetamide;
N-(4-{[[2-(1-ethoxy-1-methylethyl)-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-
benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)acetamide;
N-[4-({[1-(2-azetidin-1-ylethyl)-2-tert-butyl-1H-benzimidazol-5-
yllamino sulfonyl) phenyllacetamide;
3-[5-({[4-(acetylamino)phenyl]sulfonyl}amino)-2-tert-butyl-1H-benzimidazol-1-
yl]propyl acetate;
N-\{4-[(\{1-[(1S,4S)-bicyclo[2.2.1]hept-5-en-2-ylmethyl]-2-tert-butyl-1H-instantian (1S,4S)-bicyclo[2.2.1]hept-5-en-2-ylmethyl]-2-tert-butyl-1H-instantian (1S,4S)-bicyclo[2.2.1]hept-5-en-2-ylmethyl-2-tert-butyl-1H-instantian (1S,4S)-bicyclo[2.2.1]hept-5-en-2-ylmethyl-2-tert-butyl-1H-instantian (1S,4S)-bicyclo[2.2.1]hept-5-en-2-ylmethyl-2-tert-butyl-1H-instantian (1S,4S)-bicyclo[2.2.1]hept-5-en-2-ylmethyl-2-tert-butyl-1H-instantian (1S,4S)-bicyclo[2.2.1]hept-5-en-2-ylmethyl-2-tert-butyl-1H-instantian (1S,4S)-bicyclo[2.2.1]hept-5-en-2-ylmethyl-2-tert-butyl-1H-instantian (1S,4S)-bicyclo[2.2.1]hept-5-en-2-ylmethyl-2-tert-butyl-1H-instantian (1S,4S)-bicyclo[2.2.1]hept-5-en-2-ylmethyl-2-tert-butyl-1H-instantian (1S,4S)-bicyclo[2.2.1]hept-5-en-2-ylmethyl-2-tert-butyl-2-tert-butyl-2-tert-butyl-2-tert-butyl-2-tert-butyl-2-tert-butyl-2-tert-butyl-2-tert-butyl-2-tert-butyl-2-tert-butyl-2-tert-butyl-2-tert-bu
benzimidazol-5-yl}amino)sulfonyl]phenyl}acetamide;
N-[4-({[2-tert-butyl-1-(tetrahydro-2H-pyran-3-ylmethyl)-1H-benzimidazol-5-
yl]amino}sulfonyl)phenyl]acetamide;
N-\{4-[(\{2-tert-butyl-1-[2-(tetrahydro-2H-pyran-4-yl)ethyl]-1H-benzimidazol-5-
yl}amino)sulfonyl]phenyl}acetamide;
N-(4-{[[2-tert-butyl-1-(cyclobutylmethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}phenyl)acetamide;
4-[(aminocarbonyl)amino]-N-[2-tert-butyl-1-(cyclobutylmethyl)-1H-
benzimidazol-5-yll-N-methylbenzenesulfonamide;
N-(4-{[[2-tert-butyl-1-(cyclobutylmethyl)-1H-benzimidazol-5-
yl](methyl)amino]sulfonyl}phenyl)-2,2-dimethylpropanamide;
N-(4-\{[[2-(1,1-difluoroethyl)-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-
benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)-2-hydroxyacetamide;
N-(4-{[[2-(1,1-difluoroethyl)-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-
benzimidazol-5-yl](methyl)amino|sulfonyl}phenyl)acetamide;
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 $N-(4-\{[[2-(1,1-difluoroethyl)-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H$ benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)-3-methylbutanamide;  $N-(4-\{[[2-(1,1-difluoroethyl)-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H$ benzimidazol-5-yl](methyl)amino]sulfonyl}phenyl)-2,2-dimethylpropanamide; N-[2-(1,1-difluoroethyl)-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5yl]-4-{[(isopropylamino)carbonyl]amino}-N-methylbenzenesulfonamide; 4-{Bis[(isopropylamino)carbonyl]amino}-N-[2-(1,1-difluoroethyl)-1-(tetrahydro-2H-pyran-4-ylmethyl)-1H-benzimidazol-5-yl]-N-methylbenzenesulfonamide; N-[4-({methyl[1-(tetrahydro-2H-pyran-4-ylmethyl)-2-(trifluoromethyl)-1Hbenzimidazol-5-yl]amino}sulfonyl)phenyl]acetamide; 4-[(aminocarbonyl)amino]-N-methyl-N-[1-(tetrahydro-2H-pyran-4-ylmethyl)-2-(trifluoromethyl)-1H-benzimidazol-5-yl]benzenesulfonamide; N-methyl-4-nitro-N-[1-(tetrahydro-2H-pyran-4-ylmethyl)-2-(trifluoromethyl)-1Hbenzimidazol-5-yl]benzenesulfonamide; 4-amino-N-methyl-N-[1-(tetrahydro-2H-pyran-4-ylmethyl)-2-(trifluoromethyl)-1H-benzimidazol-5-yl]benzenesulfonamide; 2,2-dimethyl-N- $[4-(\{methyl[1-(tetrahydro-2H-pyran-4-ylmethyl)-2-$ (trifluoromethyl)-1H-benzimidazol-5-yl]amino}sulfonyl)phenyl]propanamide; 2-{[4-({methyl[1-(tetrahydro-2*H*-pyran-4-ylmethyl)-2-(trifluoromethyl)-1*H*benzimidazol-5-yl]amino}sulfonyl)phenyl]amino}-2-oxoethyl acetate; 4-{[(isopropylamino)carbonyl]amino}-N-methyl-N-[1-(tetrahydro-2H-pyran-4ylmethyl)-2-(trifluoromethyl)-1H-benzimidazol-5-yl]benzenesulfonamide; 2-Hydroxy-*N*-[4-({methyl[1-(tetrahydro-2*H*-pyran-4-ylmethyl)-2-(trifluoromethyl)-1H-benzimidazol-5-yl]amino}sulfonyl)phenyl]acetamide and pharmaceutically acceptable salts thereof.

- 6. (canceled)
- 7. (canceled)
- 8. (currently amended) The use of a compound according to any one of claims 1-5 in the manufacture of a medicament for the A method for treatment of anxiety disorders in a warm-blooded animal, comprising the step of administering to said animal in

need of such therapy a therapeutically effective amount of a compound according to claim 1..

- 9. (currently amended) The use of a compound according to any one of claims 1-5 in the manufacture of a medicament A method for the treatment of cancer, multiple sclerosis, Parkinson's disease, cancer, Huntington's chorea, Alzheimer's disease, gastrointestinal disorders and cardiavascular disorders in a warm-blooded animal, comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to claim 1.
- 10. (currently amended) A pharmaceutical composition comprising a compound according to any one of claims 1-5 claim 1 and a pharmaceutically acceptable carrier.
- 11. (currently amended) A method for the therapy of pain in a warm-blooded animal, comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to any one of claims 1-5 claim 1.
- 12. (original) A method for preparing a compound of Formula I,

$$(R^3)_n$$
 Ar- $S$   $N$   $R^4$   $N$   $R^2$ 

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comprising the step of reacting a compound of Formula II,

$$(R^3)_n \longrightarrow Ar - S \longrightarrow NH_2$$

$$O \longrightarrow NH_2$$

II

with a compound of R<sup>2</sup>C(=O)X, in the presence of a base and optionally a coupling reagent, followed by treatment with an acid;

#### wherein

X is selected from Cl, Br, F and OH;

 $R^1$  is selected from  $C_{1-10}$ alkyl,  $C_{2-10}$ alkenyl,  $C_{2-10}$ alkynyl,  $R^5$ -C(=O)-O-  $C_{1-6}$ alkyl,  $R^5R^6N$ -C $_{1-6}$ alkyl,  $R^5O$ -C $_{1-6}$ alkyl,  $R^5C$ (=O)N(-R $^6$ )-C $_{1-6}$ alkyl,  $R^5R^6NS$ (=O) $_{2^-}$ C $_{1-6}$ alkyl,  $R^5CS$ (=O) $_{2^-}$ N(-R $^6$ )-C $_{1-6}$ alkyl,  $R^5R^6NC$ (=O)N(-R $^7$ )-C $_{1-6}$ alkyl,  $R^5R^6NS$ (=O) $_{2^-}$ N(R $^7$ )-C $_{1-6}$ alkyl,  $C_{6-10}$ aryl-C $_{1-6}$ alkyl,  $C_{6-10}$ aryl-C(=O)-C $_{1-6}$ alkyl,  $C_{3-10}$ cycloalkyl-C $_{1-6}$ alkyl,  $C_{4-8}$ cycloalkenyl-C $_{1-6}$ alkyl,  $C_{3-6}$ heterocyclyl-C(=O)-C $_{1-6}$ alkyl,  $C_{1-10}$ hydrocarbylamino,  $R^5R^6N$ -,  $R^5O$ -,  $R^5C$ (=O)N(-R $^6$ )-,  $R^5R^6NS$ (=O) $_{2^-}$ ,  $R^5CS$ (=O) $_{2^-}$ N(-R $^6$ )-,  $R^5R^6NC$ (=O)N(-R $^7$ )-,  $R^5R^6NS$ (=O) $_{2^-}$ N(R $^7$ )-,  $C_{6-10}$ aryl,  $C_{6-10}$ aryl-C(=O)-,  $C_{3-10}$ cycloalkyl,  $C_{4-8}$ cycloalkenyl,  $C_{3-6}$ heterocyclyl-C(=O)-; wherein said  $C_{1-10}$ alkyl,  $C_{2-10}$ alkenyl,  $C_{2-10}$ alkynyl,  $C_{6-10}$ aryl-C(=O)-C1-6alkyl,  $C_{3-6}$ heterocyclyl-C(=O)-C1-6alkyl,  $C_$ 

 $R^2$  is selected from  $C_{1-10}$ alkyl,  $C_{2-10}$ alkenyl,  $C_{2-10}$ alkynyl,  $C_{3-10}$ cycloalkyl,  $C_{3-10}$ cycloalkyl- $C_{1-6}$ alkyl,  $C_{4-8}$ cycloalkenyl- $C_{1-6}$ alkyl,  $C_{3-6}$ heterocycloalkyl- $C_{1-6}$ alkyl,  $C_{4-8}$ cycloalkenyl,  $R^5R^6N$ -,  $C_{3-5}$ heteroaryl,  $C_{6-10}$ aryl and  $C_{3-6}$ heterocycloalkyl, wherein said  $C_{1-10}$ alkyl,  $C_{2-10}$ alkenyl,  $C_{2-10}$ alkynyl,  $C_{3-8}$ cycloalkyl,  $C_{3-8}$ cycloalkyl- $C_{1-6}$ alkyl,  $C_{4-8}$ cycloalkenyl- $C_{1-6}$ alkyl,  $C_{3-6}$ heterocycloalkyl- $C_{1-6}$ alkyl,  $C_{4-8}$ cycloalkenyl,  $C_{3-5}$ heteroaryl,  $C_{6-10}$ aryl or  $C_{3-6}$ heterocycloalkyl used in defining  $R^2$  is optionally substituted by one or more groups selected from halogen, cyano, nitro, methoxy, ethoxy, methyl, ethyl, hydroxy, and  $-NR^5R^6$ ;

wherein  $R^5$ ,  $R^6$  and  $R^7$  are independently selected from –H,  $C_{1-6}$ alkyl,  $C_{2-6}$ alkenyl,  $C_{2-6}$ alkynyl, and a divalent  $C_{1-6}$ group that together with another divalent  $R^5$ ,  $R^6$  or  $R^7$  forms a portion of a ring;

Ar is selected from  $C_{6-10}$  aryl and  $C_{3-8}$  heteroaryl; n is selected from 0, 1, 2 and 3;

each of R<sup>3</sup> is independently selected from –H, nitro, halogen, C<sub>1-10</sub>alkyl, C<sub>2-10</sub>alkenyl, C<sub>2-10</sub>alkynyl, C<sub>3-10</sub>cycloalkyl, C<sub>3-10</sub>cycloalkyl-C<sub>1-6</sub>alkyl, C<sub>4-8</sub>cycloalkenyl-C<sub>1-6</sub>alkyl, C<sub>3-6</sub>heterocycloalkyl-C<sub>1-6</sub>alkyl, C<sub>3-6</sub>heterocycloalkyl

optionally substituted with one or more groups selected from  $C_{1-6}$ alkyl, hydroxy, halogen, amino and  $C_{1-6}$ alkoxy,

each of  $R^8$  and  $R^9$  is independently selected from –H,  $C_{1-10}$ alkyl,  $C_{2-10}$ alkenyl,  $C_{2-10}$ alkynyl,  $C_{3-10}$ cycloalkyl,  $C_{3-10}$ cycloalkyl- $C_{1-6}$ alkyl,  $C_{3-6}$ heterocyclyl,  $C_{6-10}$ aryl,  $C_{3-6}$ heterocylcyl- $C_{1-6}$ alkyl,  $C_{6-10}$ aryl- $C_{1-6}$ alkyl, and a divalent  $C_{1-6}$ group that together with another divalent group selected from  $R^8$  and  $R^9$  forms a portion of a ring, wherein said  $C_{1-10}$ alkyl,  $C_{2-10}$ alkenyl,  $C_{2-10}$ alkynyl,  $C_{3-10}$ cycloalkyl,  $C_{3-10}$ cycloalkyl- $C_{1-6}$ alkyl,  $C_{3-6}$ heterocyclyl,  $C_{6-10}$ aryl,  $C_{3-6}$ heterocyclyl- $C_{1-6}$ alkyl,  $C_{6-10}$ aryl- $C_{1-6}$ alkyl, or divalent  $C_{1-6}$ group is optionally substituted by one or more groups selected from halogen, cyano, nitro, methoxy, ethoxy, methyl, ethyl, hydroxy, and  $-NR^5R^6$ ; and

 $R^4$  is selected from -H,  $C_{1-10}$ alkyl,  $C_{2-10}$ alkenyl,  $C_{2-10}$ alkynyl,  $C_{3-10}$ cycloalkyl,  $C_{3-10}$ cycloalkyl- $C_{1-6}$ alkyl, and  $C_{4-8}$ cycloalkenyl- $C_{1-6}$ alkyl.

13. (New) A method for the therapy of pain in a warm-blooded animal, comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to claim 2.

- 14. (New) A method for the therapy of pain in a warm-blooded animal, comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to claim 3.
- 15. (New) A method for the therapy of pain in a warm-blooded animal, comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to claim 4.
- 16. (New) A method for the therapy of pain in a warm-blooded animal, comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to claim 5.